

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE 12		PAGE OF PAGES 1   2		
2. AMENDMENT/MODIFICATION NO. 18		3. EFFECTIVE DATE August 23, 2004		4. REQUISITION/PURCHASE REQ. NO. N/A		5. PROJECT NO. (If applicable)	
6. ISSUED BY Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		CODE PS31-J		7. ADMINISTERED BY (If other than Item 6) Jeffrey S. Jackson (256) 544-8935 Phone (256) 544-3223 Fax		CODE PS31-J	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Science Applications International Corporation (SAIC) Company 6, Technology Services Company 10260 Campus Point Drive San Diego, CA 92121 c/o 6725 Odyssey Drive, Huntsville, AL 35806				<input checked="" type="checkbox"/>		9A. AMENDMENT OF SOLICITATION NO.	
						9B. DATED (SEE ITEM 11)	
				<input checked="" type="checkbox"/>		10A. MODIFICATION OF CONTRACT/ORDER NO. NNM04AA02C	
						10B. DATED (SEE ITEM 13) 1/1/04	
CODE CAGE 0T5L1		FACILITY CODE SAP- 103429					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15 and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) (SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103b).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.103(b), the "Changes" clause and Mutual Agreement
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

	Negotiated Estimated Cost	Shared Savings Fee	Award Fee Earned	Potential Award Fee	Contract Value	Total Sum Allotted
Prev. Base Total	\$454,167,699	\$0	\$2,658,243	\$24,442,579	\$481,268,521	\$114,789,289
This Modification	\$0	\$0	\$0	\$0	\$0	\$0
Rev. Base Total	\$454,167,699	\$0	\$2,658,243	\$24,442,579	\$481,268,521	\$114,789,289

SEE PAGE 2 FOR DESCRIPTION OF AMENDMENT/MODIFICATION

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect

15A. NAME AND TITLE OF SIGNER (Type or print) Kelly J. Parson, Senior Contracts Representative		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jeffrey S. Jackson, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED August 23, 2004	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED August 23, 2004
/s/ Kelly J. Parson  (Signature of person authorized to sign)		/s/ Jeffrey S. Jackson  BY (Signature of Contracting Officer)	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT  
(continued)

The purpose of this modification is to revise Attachment J-1, Performance Work Statement, pursuant to the "Changes" clause, to delineate changed security clearance requirements. It is mutually agreed that this revision will be accomplished within the existing contract value and will not require an upward adjustment to that amount. Accordingly, NNM04AA02C is modified as follows:

- A. Attachment J-1, Performance Work Statement, Sections 3.3, IT Security, and 5.5, Information Technology (IT) Security Services, is revised to include the following requirement (identical in both areas) in lieu of the language currently contained therein:

3.3, IT Security

From: "f. Ensure that all personnel associated with IT security have a minimum of a final Secret Security clearance or higher."

To: "f. Ensure that all personnel requiring access to DoD Classified information or networks have a minimum of a final Secret Security clearance or higher."

5.5 Information Technology (IT) Security Services

From: "o. Ensure that all personnel associated with IT security have a minimum of a final Secret Security clearance or higher."

To: "o. Ensure that all personnel requiring access to DoD Classified information or networks have a minimum of a final Secret Security clearance or higher."

- B. The modification(s) made above are reflected in total on the change page(s) enclosed herewith. In order to reflect the change(s) made, the page(s) listed below are hereby deleted from, or added to, NNM04AA02C. Specific area(s) of change are indicated by bold text or a vertical change bar included in the right margin.

Page(s) Deleted

J-1-22  
J-1-68

Page(s) Added

J-1-22  
J-1-68

- C. Except as provided for herein, there are no other changes to NNM04AA02C.

### **3.2 DIGITAL TELEVISION (DTV)**

The contractor shall support the NASA DTV Project. Support to the project shall include project management, design and engineering, operations, intercenter and intracenter coordination, implementation, and sustaining engineering directly related to the DTV Project. In providing this service, the contractor shall:

- a. Provide customer support, such as collecting television requirements and preparing data in appropriate formats (DRD 974MA-007).
- b. Develop transition and implementation plans (DRD 974MA-007).
- c. Develop a laboratory to test equipment, interfaces, and processes.
- d. Provide a technical interface with vendors, broadcast, and commercial television communities.
- e. Provide engineering and operation expertise for consulting on distribution of audio and video between NASA Centers, within the centers, and to the media.
- f. Coordinate Agency DTV implementation.
- g. Coordinate, organize, and participate in technical working groups.
- h. Support DTV flight projects.

### **3.3 IT SECURITY**

The contractor shall provide IT Security services to the Agency customers. These services include maintenance of existing capabilities, development or acquisition, and implementation of enhancements. In providing these services, the contractor shall:

- a. Utilize NASA's IT and wide area network capabilities to perform the support functions at all field centers and Headquarters.
- b. Ensure that all IT resources and components are secured to minimum requirements in accordance with **NPR 2810.1** and shall react to deal with any vulnerabilities or security incidents that might occur. This includes threat notification responses, risk management, network monitoring, centralized database collections, security response tracking and analysis, and forensics of IT Security activities. The contractor shall work closely with the NASA Center IT Security Managers or their representatives at all Centers.
- c. Establish and maintain contact with internal and external technical working groups to include IT and IT security professional associations, NASA field centers, vendors, other government agencies, and national/international industry organizations.
- d. Evaluate, develop, and test prototypes of IT security tools, techniques, and training.
- e. Recommend, assist as needed in design, implement and maintain a firewall architecture/design that meets the NASA IT Security standards for perimeter architecture and Agencywide projects and networks.
- f. Ensure that all personnel requiring access to DoD Classified information or networks have a minimum of a final Secret Security clearance or higher.

security response tracking and analysis, and forensics of IT Security incidents.

- c. Develop and test prototypes of IT security tools, techniques, and training.
- d. Install and maintain firewalls for the MSFC and NSSTC private and public networks.
- e. In concert with Agency requirements, manage and maintain secure authentication services for MSFC customers, including token-based and smart card services (see section 3.3.5).
- f. Develop, evaluate, and test prototypes of IT security tools, techniques, and training specific to the MSFC and NSSTC environment.
- g. Perform risk assessments, vulnerability scans and assist with system security life-cycle development planning, security plan composition and maintenance, and other procedural/technical protective controls for MSFC and NSSTC IT resources (DRD 974CD-001).
- h. Assist with the implementation and administration of specific IT management disciplines, standards, and conventions as promulgated in Federal and Agency statutes, regulations, policies, procedures, administrative instructions, information bulletins, and directives.
- i. Provide support for disaster recovery planning, contingency planning, vulnerability analysis, risk and exposure management, corrective action planning, sensitive disciplines, training, and reporting.
- j. Provide rehabilitation support for IT resources impacted by hostile code or malicious software, including:
  - 1) Detection, validation and eradication services for MSFC and NSSTC information systems;
  - 2) Restoration of the system to its pre-infected configuration;
  - 3) Reallocation of resources to ensure the efficient and timely eradication of widespread infections.
- k. Maintain awareness of, monitor for, and provide protection against denial of service attacks, intercepted transmission, and unauthorized access or intrusion into NASA resources.
- l. Handle, protect, and track administrative Privacy Act Information and proprietary data in accordance with applicable regulations and procedures (Attachment J-10).
- m. Collaborate with other entities to effect a strong IT security posture.
- n. Assure compliance with architecture standards and guidelines (Attachment J-10).
- o. Ensure that all personnel requiring access to DoD Classified information or networks have a minimum of a final Secret Security clearance or higher.
- p. Provide support for forensic investigations to MSFC Protective Services and other law enforcement agencies.
- q. Provide engineering for NASA standard PKI certificate servers located at MSFC.
- r. Implement MSFC conversion to and operation of Agency standard IT resource account management system.